

Four Corners Air Quality Task Force
Other Sources Work Group
Conference Call April 11, 2006, 9:00 AM

Participants

Rita Trujillo, NMED-AQB; Brad Francais, San Juan Basin Health Department; Beverly Warburton, Pagosa Springs; Stacey Simms, American Lung Association of Colorado; Rich Goebel, Pagosa Springs; Zach Tibodeau, Vail Associates; Chad King and Randy Schmaltz, Giant Refinery; Julie Best, BP

Introduction: Ms. Trujillo explained that today's call would be used to review the Technical Background Information Fact Sheets that were developed from the Outline. These are posted on the website on the Documents page. We are looking for input from the task force members on the technical documents for completeness, clarity, and accuracy.

The remainder of the call would be to discuss the Farmington meeting on May 9.

Technical Background Information Fact Sheet Review

Rita Trujillo spearheaded the effort to develop the Fact Sheets. She provided an overview of each of the documents. It was noted that these documents will also be reviewed during the plenary session of the task force meeting in Farmington, to ensure that everyone participating has an opportunity to review and provide input on the documents. All of the fact sheets are on the web site at <http://www.nmenv.state.nm.us/aqb/4C/documents.html> under Technical Background Information.

Monitoring Fact Sheet

1st paragraphs overview section are the same on each of the Fact Sheets. This overview describes general air quality in the Four Corners and gives a link to the NAAQS website. Some of the existing air quality issues in the Four Corners are: close to exceeding the ozone health-based standard; mercury advisories issued for many water bodies; visibility is degraded. There are lots of jurisdictions: four states as well as several Tribes and EPA. This makes managing air quality in the area a complicated issue.

- Link to Argonne's website shows map of monitoring sites (please email Mike Lazaro if you have additions)
- Pollutants being monitored are PM-2.5, PM-10, Ozone, NOx, CO, SO₂, Hg
- NM real time monitoring data
- CDPHE PM monitors in area
- Visibility is monitored at Class I areas, of which there are several in the Four Corners including Mesa Verde National Park
- Met data by all states on their web sites

Visibility Monitoring – in Class I areas, several exist around the Four Corners. CO and NPS are doing Hg and deposition monitoring.

The last page shows the map of the area of concern as appended to the Memorandum of Understanding between the coordinating agencies of the task force.

Modeling Fact Sheet

Following the overview section, existing modeling is discussed.

NM Early Action Compact

- Categories of sources
- Sophisticated modeling
- Future years inventory, includes growth and control strategies – model showed compliance through 2007
- Caveat: Inventories not great for area and mobile sources

WRAP

- modeling for haze, stationary, area, dust, mobile
- models had different outputs
- improved ammonia inventory for WRAP

Emission Inventories Fact Sheet

Area vs. stationary vs. mobile vs. biogenic sources. A lot of work on emission inventories has been done by a number of different groups, including states and WRAP.

Comments: A lot of information is available on the California Air Resources Board web site that could be helpful to the group. Their web site address is <http://www.arb.ca.gov/>.

Air Quality Effects Fact Sheet

Susan Johnson (NPS) developed this document; please send any comments to Rita Trujillo. This document discusses the various air quality effects as follows.

Human Health

- Ozone and PM issues in the area
- EPA website for air quality index
- NM, real time data

Mercury (Hg)

- Fish advisories
- 1 Hg monitor in Mesa Verde

Ecosystem Health

- sulfur and nitrogen acidify lakes and soil
- someone commented on the actual studies in the area regarding deposition, and wanted those to be posted if possible

Economics

- Impacts and benefits
 - Industry, Tourism

Comments: The Durango-Silverton train was discussed. Trains are a source of mercury emissions as well.

Please send any comments/input on any of the Fact Sheets to Rita Trujillo:
rita.trujillo@state.nm.us *Your input is welcome!*

Upcoming Task Force Meetings

May 9, 2006 3-7 pm in Farmington (see Meetings webpage for details and an agenda)

Brad Francais will present on the Durango-Silverton train. Other trains in the impact area (e.g., the Chama-Antonito train) will also be discussed.

August Meeting: Wed, Aug 9, 2006, 3-7 pm in CORTEZ, CO. (Meeting details coming soon on the website Meetings page)

Adjourn 10:00 AM